SIMPLE, EASY

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4x2 Composite Video/S-Video/Analog Audio Matrix Switcher

AT-SAV-42M

User Manual

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INTRODUCTION

Atlona Technologies' AT-SAV-42M is a 4x2 S-Video/Composite Video and Analog Audio Matrix Switcher designed to work as a switcher for multiple Audio/Video sources and displays. This Atlona unit is capable of switching Composite Video, S-Video and Stereo Audio signals between four sources and two displays. Because it is a matrix switch, any or all of the 4 inputs can simultaneously be switched to either or both of the outputs. With a maximum bandwidth of 260MHz, this devise will support sharp and highly defined video in multiple resolutions of up to 480i/576i. This unit has quick and easy installation. With manual as well as IR Remote control options, Atlona's AT-SAV-42M Matrix Switcher is perfect for all Video equipment that using S-Video signal such as Cable and Satellite receivers, VCRs, DVD Players, Set Top Boxes...etc.

FEATURES:

- Switches S-Video, Composite Video and Analog Audio between 4 sources and 2 displays.
- Matrix Switch: each input can be directed to either or both outputs at the same time
- IR Remote control or Manual
- Supports resolutions up to 480i & 576i
- Quick and easy installation

PACKAGE CONTENTS:

- 4x2 Matrix Switcher (AT-SAV-42M)
- Instruction Manual
- IR Remote Control
- Universal AC/DC power adapter: 12VDC (110-240V)
- 3-RCA to 3-RCA cable 6ft (2m)
- S-Video to S-Video cable 6ft (2m)

SPECIFICATIONS

Video Inputs	4 x Composite Video / 4 x S-Video
Video Outputs	2 x Composite Video / 2 x S-Video
Audio Inputs	4x Stereo R/L, 40KΩ on RCA Connectors
Audio Outputs	2x Stereo R/L, 400Ω on RCA Connectors
Video Bandwidth	>260MHz
Video Distortion	<1.2db (Standard +/- 3db)
Audio Input impedance	10K Ohms
Channel Isolation	>50db
S/N Ratio	>50db
Power Consumed	500mA Maximum @300mA
Power Source	12 Volts DC

PANEL DESCRIPTIONS

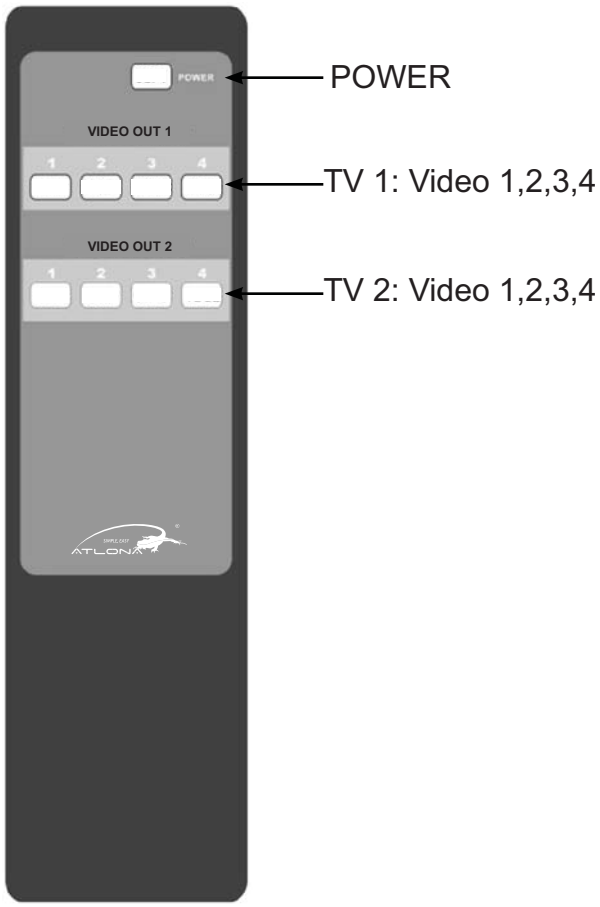
1. Front Panel

1. Power SWITCH: Power Unit ON/OFF
2. IR: IR Sensor
3. Video Selection Buttons: Press for desired Video Input/Output setting

2. Rear Panel

1. Inputs: 4 x Composite/S-Video/Audio.
2. Outputs: 2 x Composite/S-Video/Audio.
3. Power Input: 12V DC

IR REMOTE CONTROL



CONTROLS

Atlona's AT-SAV-42M can be controlled through IR Remote or Manually.

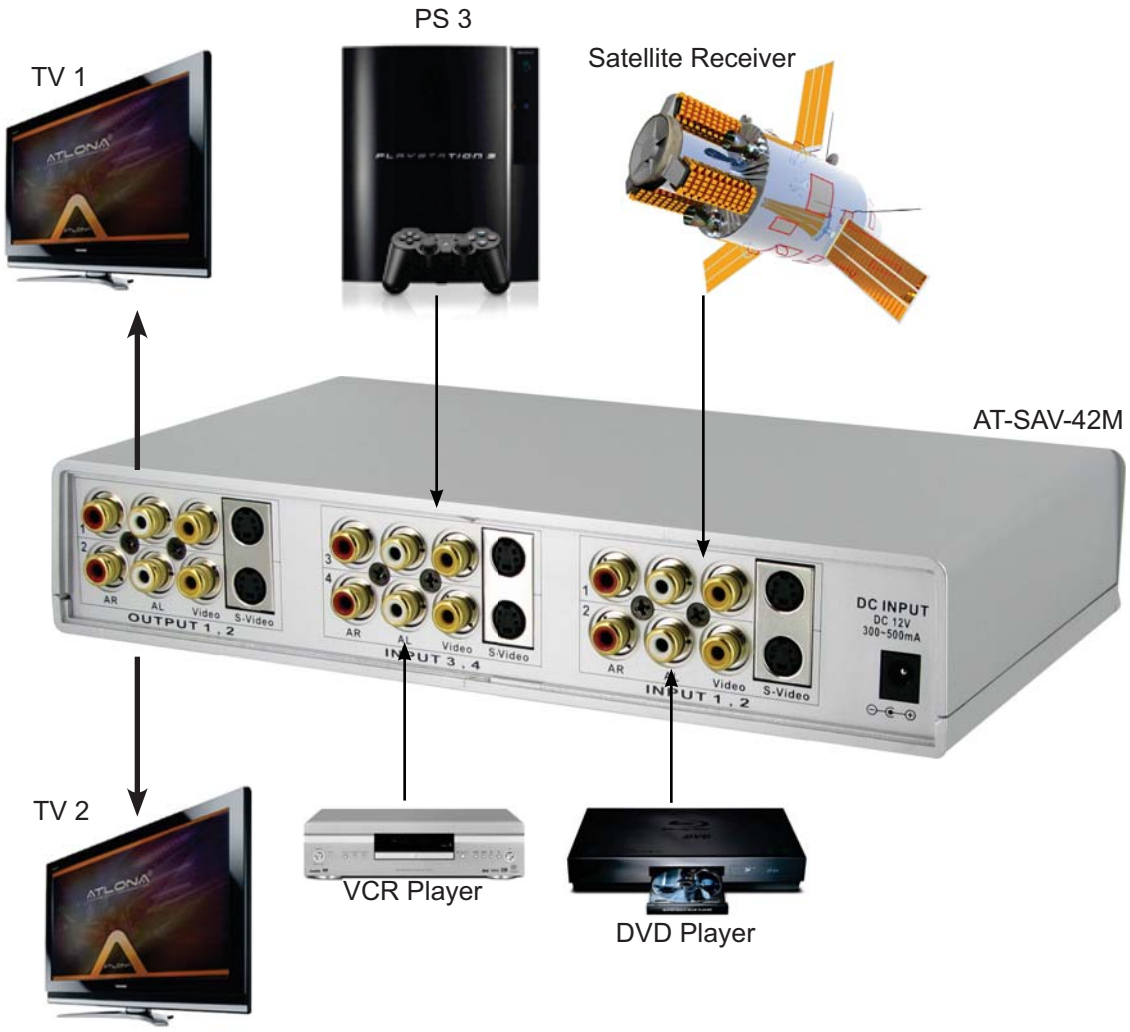
If you have four devices hooked up to the four inputs and two video displays connected to the AT-SAV-42M's video outputs, use the IR remote to select which video input will be viewed on which Display. The IR remote is divided into two sections; TV-1 and TV-2. To select video input for TV-1 simply press the desired video input button. Likewise for TV-2

Or

When controlling the AT-SAV-42M manually, select desired video input by pressing the corresponding selection button for each display. To select a video input you must press the video selection button multiple times to cycle through the available video inputs. For example; to select AV input 3 on TV-1, press the TV-1 video selection button associated with TV-1 three times.

Function-1 **Composite Video Switcher** **Function-2** **S-Video (Y/C)Switcher**

INSTALLATION



1. Switch off all devices, including monitors.
2. Connect all sources to the Desired Video/Audio Inputs
3. Connect all displays to desired Audio/Video Outputs
4. Plug in 12V DC power supply.
5. Power on the monitors.
6. Power on the sources.
7. Power on AT-SAV-42M

Safeguards

- To reduce the risk of electric shock, do not expose this product to rain or moisture.
- If the wall plug does not fit into your local power socket, hire an electrician to replace your obsolete socket.
- Do not modify the wall plug.
  Doing so will void the warranty and safety features.
- This equipment should be installed near the socket outlet and the device should be easily accessible in case it requires disconnection.

Precautions

- FCC Regulations state that any unauthorized changes or modifications to this equipment not expressly approved by the manufacturer could void the user's authority to operate this equipment.
- Operate this product using only the included external power supply. Use of other power supplies could impair performance, damage the product or cause fires.
- In the event of an electrostatic discharge, this device may automatically turn off. If this occurs, unplug the device, and plug it back in.
- Protect and route power cords so they will not be stepped on or pinched by anything placed on or against them. Be especially careful of plug-ins, or cord exit points from this product.
- Avoid excessive humidity, sudden temperature changes or temperature extremes.
- Keep this product away from wet locations such as bathtubs, sinks, laundries, wet basements and swimming pools.
- Use only accessories recommended by ATLONA to avoid fire, shock or other hazards.
- Unplug the product before cleaning. Use a damp cloth for cleaning. Do not use cleaning fluid or aerosols, which could enter the unit and cause damage, fire or electrical shock. Some substances may also mar the finish of the product.
- Never open or remove unit panels or make any adjustments not described in this manual. Attempting to do so could expose you to dangerous electrical shock or other hazards. It may also cause damage to your AT-SAV-42M. Opening the product will void the warranty.
- Do not attempt to service the unit. Instead disconnect it and contact your Authorized ATLONA reseller or contact ATLONA directly.

WARRANTY

1. LIMITED WARRANTY

Atlona Technologies warrants that (a) its products (the "Product") will perform substantially in accordance with the accompanying written materials for a period of 3 YEARS from the date of receipt and (b) that the Product will be free from defects in materials and workmanship under normal use and service for a period of 3 years. In the event applicable law imposes any implied warranties, the implied warranty period is limited to 3 years from the date of receipt. Some jurisdictions do not allow such limitations on duration of an implied warranty, so the above limitation may not apply to Customer.

2. CUSTOMER REMEDIES

Atlona Technologies and its suppliers' entire liability and Customer's exclusive remedy shall be, at Atlona Technologies' option, either return of the price paid for the Product, or repair or replacement of the Product that does not meet this Limited Warranty and which is returned to Atlona Technologies with a copy of Customer's receipt. This Limited Warranty is void if failure of the Product has resulted from accident, abuse, or misapplication. Any replacement Product will be warranted for the remainder of the original warranty period or 3 year, whichever is longer.

3. NO OTHER WARRANTIES

TO THE MAXIMUM EXTENT PERMITTED BY APPLICABLE LAW, ATLONA TECHNOLOGIES AND ITS SUPPLIERS DISCLAIM ALL OTHER WARRANTIES, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, WITH REGARD TO THE PRODUCT AND ANY RELATED WRITTEN MATERIALS. THIS LIMITED WARRANTY GIVES CUSTOMER SPECIFIC LEGAL RIGHTS. CUSTOMER MAY HAVE OTHER RIGHTS DEPENDING ON THE JURISDICTION.

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ATLONA PRODUCT REGISTRATION

Thank you for purchasing this Atlona product — we hope you'll enjoy it.

We also hope that you'll take a few moments to register your new purchase. Registration creates an ownership record if your product is lost or stolen and helps ensure you'll receive notification of performance issues and firmware updates.

At Atlona, we respect and protect your privacy and assure you that your registration information is completely secure. Of course, Atlona product registration is totally voluntary and failure to register will not diminish your limited warranty rights.